

Abstract

A coaxial cable signal splitter with first, second and third connector ends, each adapted to mate with a coaxial cable connector. The first connector end is integral with a splitter body. The second and third connector ends are connected to the body by a pair of coaxial cables. Each connector end includes a center conductor mounted within a coaxially arranged conductive outer shell conductor. The splitter body includes the first connector end and an opposing arrangement for connecting the pair of cables to the body. The splitter body includes a transverse opening between the first connector end and the cable mounting arrangement, the opening extending through the body and having opposing open sides. Within the opening, the center conductor of the first connector end is electrically connected with the center conductors of the second and third connector ends. The center conductor of the first connector end extends within the conductive outer shell of the first connector end and within the opening of the body. The center conductor of each of the pair of coaxial cables extend within the opening of the body and are electrically connected to the center conductor of the first connector end, and each of the conductive outer shell connectors electrically connected to the other conductive outer shells.